

Patent Abstracts of Japan

PUBLICATION NUMBER : 03248342
PUBLICATION DATE : 06-11-91

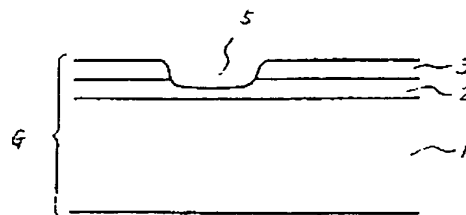
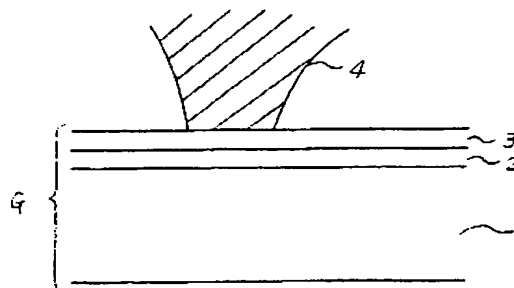
APPLICATION DATE : 26-02-90
APPLICATION NUMBER : 02046121

APPLICANT : NEC CORP;

INVENTOR : NAKAGAWA KATSUJI;

INT.CL. : G11B 7/24 G11B 7/26

TITLE : OPTICAL DISK SUBSTRATE AND ITS
MANUFACTURE



ABSTRACT : PURPOSE: To prevent recording film or protective film on an optical disk substrate peeling or corroding by forming the bottom of a pit with a curved surface not making at an acute angle.

CONSTITUTION: A first photoresist layer 2 and a second photoresist layer 3 are laminated on a glass master disk G. Exposure is performed by irradiating the layers with a laser beam 4, however, at this time, exposure power by which no exposure of a glass substrate 1 is performed on the pit 5 after performing developing treatment is employed as the exposure power of the laser beam 4. Thereby, the bottom of the pit can be comprised of a moderate cured surface without generating the acute angle. In such a way, it is possible to prevent the recording film and the protective film on the optical disk substrate peeling or corroding.

COPYRIGHT: (C)1991,JPO&Japio